



TEW

Attorney Docket No.: VISH-IR227

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent

In re Application of:

Inventor(s): Vaysse et al

Application No.: 10/631,879

Examiner:

Filed: 7/31/2003

Art Unit:

For: NON-ISOLATED HEATSINK(S) FOR POWER MODULES

Patent No.: 7,042,730

Issued Date: May 9, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above identified
application,
☒ [X] patent,

REVOCATION OF PRIOR POWERS OF ATTORNEY

☒ [X] I hereby revoke all previous powers of attorney given in the above-identified application/patent.

NEW POWER OF ATTORNEY

☒ [X] I hereby appoint the practitioners associated with the customer Number: 36538

☒ [X] Please change the correspondence address for the above-identified application to:
The address associated with Customer Number: : 36538

I am the:

☒ [X] Assignee of record of the entire interest. *Statement under 37 CFR 3.73(b) is below.*

CERTIFICATE UNDER 37 CFR 3.73(b)

CREDENCE SYSTEMS CORPORATION., a California corporation, certifies that it is the assignee of the entire right, title and interest in the patent identified above by virtue of:

☒ [X] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in The United States Patent and Trademark Office at
Reel 014856 . Frame 0415 .

☐ [] Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application/patent identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) avers that the undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7/27/07
Date


Signature

Dr. King Owyang

Typed or Printed Name

President and CEO

Title



1R-2322
(2-3564)

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 03, 2004

PTAS



102640530A

OSTROLENK, FABER, GERB
& SOFFEN, LLP
1180 AVENUE OF THE AMERICAS
NEW YORK, NEW YORK 10036-8403

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/29/2003

REEL/FRAME: 014856/0415

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

VAYSSE, BERTRAND

DOC DATE: 07/26/2003

ASSIGNOR:

LIN, HENY

DOC DATE: 12/16/2003

ASSIGNOR:

TRAN, THANH VAN

DOC DATE: 12/16/2003

ASSIGNOR:

DUBHASHI, AJIT

DOC DATE: 12/15/2003

ASSIGNEE:

INTERNATIONAL RECTIFIER
CORPORATION
233 KANSAS STREET
EL SEGUNDO, CALIFORNIA 90245

014856/0415 PAGE 2

SERIAL NUMBER: 10631879

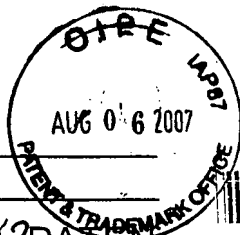
FILING DATE: 07/31/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: NON-ISOLATED HEATSINK(S) FOR POWER MODULES

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



01-08-2004



IR-2322 (2-3564)

12.29.03 PATENT

102640530

1 SHEET

To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Bertrand Vaysse - 7/26/03
Heny Lin - 12/16/03
Thanh Van Tran - 12/16/03
Ajit Dubhashi - 12/15/03

Type of Entity: Individuals

Additional names(s) of conveying party(ies) attached? No

2. Name and Address of receiving party(ies):

International Rectifier Corporation
233 Kansas Street
El Segundo, CA 90245

Type of Entity: Corporation-Delaware

Additional name(s) & address(es) attached? No

3. Nature of Conveyance:

Assignment

Execution Date: 7/6/03, 12/16/03, 12/16/03 and
12/15/03, respectively

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Application No.(s)

10/631,879

B. Patent No.(s)

Additional numbers attached? No

5. Name and address of party to whom
correspondence concerning document should
be mailed:

OSTROLENK, FABER, GERB & SOFFEN,
LLP
1180 Avenue of the Americas
New York, New York 10036-8403

6. Total number of documents involved: 2

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed as part of Check No. 13714

In the event the actual fee is greater than the payment submitted or is
inadvertently not enclosed or if any additional fee due is not paid, the
Patent and Trademark Office is authorized to charge the
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8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached
copy is a true copy of the original document

Kourosh Salehi

Name of Person Signing

Signature

December 23, 2003

Date

Total number of pages including cover sheet, attachments, and document: 3

01/05/2004 AOSMAN1 00000122 10631879

02 FC:8021

40.00 OP

AUG X 9 2004

WHEREAS, we, BERTRAND VAYSSE, HENY LIN, THANH VAN TRAN and AJIT DUBHASHI as assignors, have invented certain improvements in NON-ISOLATED HEATSINK(S) FOR POWER MODULES for which an application for United States Letters Patent was executed by us and received a filing date of July 31, 2003, under Serial No. 10/631,879; and

WHEREAS, INTERNATIONAL RECTIFIER CORPORATION, a corporation organized and existing under the laws of the State of Delaware and having a principal place of business at 233 Kansas Street, El Segundo, California 90245 as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, We, as assignors, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: _____

BERTRAND VAYSSE

Date: 12/16/03

HENY LIN

Date: 12/16/03

THANH VAN TRAN

Date: 12/15/03

AJIT DUBHASHI

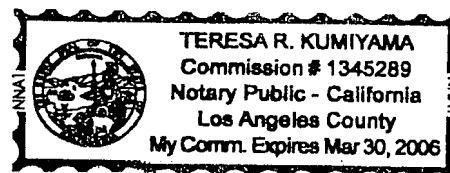
State of California
County of Los Angeles

On Dec 16, 2003 before me Teresa R Kumiyama, Notary Public
personally appeared Heny Lin, Thanh Van Tran, Ajit B Dubhashi

personally known to me -- OR -- proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Teresa R Kumiyama



WHEREAS, we, BERTRAND VAYSSE, HENY LIN, THAN TRAN and AJIT DUBHASHI as assignors, have invented certain improvements in NON-ISOLATED HEATSINK(S) FOR POWER MODULES for which an application for United States Letters Patent has been executed by me of even date herewith; and

WHEREAS, INTERNATIONAL RECTIFIER CORPORATION, a corporation organized and existing under the laws of the State of Delaware and having a principal place of business at 233 Kansas Street, El Segundo, California 90245 as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, We, as assignors, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: 26 July 2003


BERTRAND VAYSSE

Date: _____

HENY LIN

Date: _____

THAN TRAN

Date: _____

AJIT DUBHASHI

State of California
County of Los Angeles

On _____ before me _____
personally appeared _____,

personally known to me -- OR -- proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.